

Amendment
Serial No. 10/824,302

IN THE CLAIMS

Kindly replace the claims of record with the following full set of claims:

1. (Currently amended) A cable for use in an air blowing installation comprising:

at least one transmission medium of electrical or optical signals; and
a hollow cylindrical tube having an inner space containing the transmission medium, an
outer circumferential surface surrounding the inner space, defining an outer diameter of said
cable, said outer circumferential surface including a plurality of top-opened unfilled recesses
directly formed into the outer circumferential surface, wherein each of the top-opened recesses
has a crater shape and is unfilled. formed into the outer circumferential surface.

2. (Original) The cable as set forth in claim 1, wherein the transmission medium
comprises an optical fiber ribbon having a plurality of individual optical fibers and a protective
layer surrounding the individual optical fibers.

3. (Original) The cable as set forth in claim 1, wherein the tube is made of amorphous
material.

4. (Original) The cable as set forth in claim 1, wherein the tube is made of amorphous
material containing silicone.

5. (Original) The cable as set forth in claim 1, wherein the tube is made of polycarbonate.

6. (Original) The cable as set forth in claim 5, wherein the polycarbonate has a molecular
weight of more than 18000.

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7. (Original) The cable as set forth in claim 1, wherein the tube is made of polycarbonate containing silicone.

8. (Original) The cable as set forth in claim 7, wherein the content of the silicone is in a range of 0.01 to 0.5 percent by weight based on the weight of the polycarbonate.

9. (Previously Amended) The cable as set forth in claim 1, wherein the tube is made of polycarbonate containing silicone having a frictional coefficient of less than 1.

10. (Original) The cable as set forth in claim 1, further comprising a water blocking filler provided in an interior empty space of the tube.

11. (Original) The cable as set forth in claim 10, wherein the water blocking filler includes a jelly compound.

12. (Original) The cable as set forth in claim 1, wherein the tube has a clearance in a range of 0.5 mm to 1.5 mm.

13. (Original) The cable as set forth in claim 1, wherein an outer diameter in a range of 1.5 mm to 4.0 mm.

14. (Original) The cable as set forth in claim 2, wherein the protective layer is formed by applying a liquid-phase UV curable resin to the plural optical fibers and irradiating ultraviolet rays to the resin.

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15. (Original) The cable as set forth in claim 1, wherein the plurality of recesses has a crater shape.

16. (Withdrawn) An apparatus for manufacturing a cable used in an air blowing installation comprising:

an extruding device for molding a tube of the cable,

wherein the extruding device includes:

an extruder for extruding the tube in such a way that the tube wraps around at least one transmission medium extending through an interior space thereof;

a sprayer formed with a plurality of fine holes or nozzles for sprinkling water supplied thereto over a surface of the tube; and

a water tank for cooling the tube.

17. (Withdrawn) The apparatus as set forth in claim 16, wherein the nozzles formed at the sprayer have a diameter of less than 50 micrometers.

18. (Withdrawn) The apparatus as set forth in claim 16, further comprising:

a water feeder for the supply of the water;

a filter for removing impurities contained in the water;

a valve for selectively shutting off the passage of the filtered water so as to supply the filtered water to the sprayer; and

a regulator interposed between the valve and sprayer for adjusting the pressure of the water to be supplied into the sprayer.